RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/533,401
Source: PCT
Date Processed by STIC: 7/7/06

ENTERED

PCT

RAW SEQUENCE LISTING DATE: 07/07/2006
PATENT APPLICATION: US/10/533,401 TIME: 14:30:40

Input Set : A:\pto.kd.txt
Output Set: N:\CRF4\07072006\J533401.raw

<110> APPLICANT: Abbas,Alex
Bodary,Sarah C.
Clark,Hilary
Schoenfeld,Jill
Wood,William I.
Wu,Thomas D.
<120> TITLE OF INVENTION: Compositions and Methods for the Treatment of
Rheumatoid Arthritis
<130> FILE REFERENCE: P1998R1-US
<140> CURRENT APPLICATION NUMBER: US 10/533,401
<141> CURRENT FILING DATE: 2005-04-28
<150> PRIOR APPLICATION NUMBER: PCT/US03/36002
<151> PRIOR FILING DATE: 2003-11-12
<150> PRIOR APPLICATION NUMBER: US 60/425,931
<151> PRIOR FILING DATE: 2002-11-12
<160> NUMBER OF SEQ ID NOS: 209
<210> SEQ ID NO: 1
<211> LENGTH: 2984
<212> TYPE: DNA
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 1
taactgagcg aggagcaatt gattaatagc tcggcgaggg gactcactga 50
ctgttataat aacactacac cagcaactcc tggcttccca gcagccggaa 100
cacagacagg agagagtcag tggcaaatag acatttttct tatttcttaa 150
aaaacagcaa cttgtttgct acttttattt ctgttgattt ttttttcttg 200
gtgtgtgtgg tggttgtttt taagtgtgga gggcaaaagg agataccatc 250
ccaggctcag tccaacccct ctccaaaacg gcttttctga cactccaggt 300
agcgagggag ttgggtctcc aggttgtgcg aggagcaaat gatgaccgcc 350
aaggccgtag acaaaatccc agtaactctc agtggttttg tgcaccagct 400
gtctgacaac atctacccgg tggaggacct cgccgccacg tcggtgacca 450
tctttcccaa tgccgaactg ggaggcccct ttgaccagat gaacggagtg 500
gccggagatg gcatgatcaa cattgacatg actggagaga agaggtcgtt 550
ggatctccca tatcccagca gctttgctcc cgtctctgca cctagaaacc 600
agaccttcac ttacatgggc aagttctcca ttgaccctca gtaccctggt 650
gccagctgct acccagaagg cataatcaat attgtgagtg caggcatctt 700
gcaaggggtc acttccccag cttcaaccac agcctcatcc agcgtcacct 750
ctgcctcccc caacccactg gccacaggac ccctgggtgt gtgcaccatg 800
tcccagaccc agcctgacct ggaccacctg tactctccgc caccgcctcc 850
tcctccttat tctggctgtg caggagacct ctaccaggac cctttctgcgt 900
tcctgtcagc agccaccacc tccacctctt cctctctggc ctacccacca 950
cctccttcct atccatcccc caagccagcc acggacccag gtctcttccc 1000
aatgatccca gactatcctg gattctttcc atctcagtgc cagagagacc 1050
tacatggtac agctggccca gaccgtaagc cctttccctg cccactggac 1100

pp 6-7

RAW SEQUENCE LISTING DATE: 07/07/2006
PATENT APPLICATION: US/10/533,401 TIME: 14:30:40

Input Set : A:\pto.kd.txt
Output Set: N:\CRF4\07072006\J533401.raw

```
 76  accctgcggg tgccccctcc actcactcca ctctctacaa tccgtaactt 1150
 78  taccctgggg ggccccagtg ctggggtgac cggaccaggg gccagtggag 1200
 80  gcagcgaggg accccggctg cctggtagca gctcagcagc agcagcagcc 1250
 82  gccgccgccg ccgcctataa cccacaccac ctgccactgc ggcccattct 1300
 84  gaggcctcgc aagtacccca acagacccag caagacgccg gtgcacgaga 1350
 86  ggccctaccc gtgcccagca gaaggctgcg accggcggtt ctcccgctct 1400
 88  gacgagctga cacggcacat ccgaatccac actgggcata agcccttcca 1450
 90  gtgtcggatc tgcatgcgca acttcagccg cagtgaccac ctcaccaccc 1500
 92  atatccgcac ccacaccggt gagaagccct tcgcctgtga ctactgtggc 1550
 94  cgaaagtttg cccggagtga tgagaggaag cgccacacca agatccacct 1600
 96  gagacagaaa gagcggaaaa gcagtgcccc ctctgcatcg gtgccagccc 1650
 98  cctctacagc ctcctgctct gggggcgtgc agcctggggg taccctgtgc 1700
100   agcagtaaca gcagcagtct tggcggaggg ccgctcgccc cttgctcctc 1750
102   tcggacccgg acaccttgag atgagactca ggctgataca ccagctccca 1800
104   aaggtcccgg aggccctttg tccactggag ctgcacaaca aacactacca 1850
106   ccctttcctg tccctctctc cctttgttgg gcaaagggct ttggtggagc 1900
108   tagcactgcc ccctttccac ctagaagcag gttcttccta aaacttagcc 1950
110   cattctagtc tctcttaggt gagttgacta tcaacccaag gcaaagggga 2000
112   ggctcagaag gaggtggtgt ggggatcccc tggccaagag ggctgaggtc 2050
114   tgaccctgct ttaaagggtt gtttgactag gttttgctac cccacttccc 2100
116   cttattttga cccatcacag gtttttgacc ctggatgtca gagttgatct 2150
118   aagacgtttt ctacaatagg ttgggagatg ctgatccctt caagtgggga 2200
120   cagcaaaaag acaagcaaaa ctgatgtgca ctttatggct tgggactgat 2250
122   ttgggggaca ttgtacagtg agtgaagtat agcctttatg ccacactctg 2300
124   tggccctaaa atggtgaatc agagcatatc tagttgtctc aacccttgaa 2350
126   gcaatatgta ttatatactc agagaacaga agtgcaatgt gatgggagga 2400
128   acgtagcaat atctgctcct tttcgagttg tttgagaaat gtaggctatt 2450
130   ttttcagtgt atatccactc agattttgtg tatttttgat gtacccacac 2500
132   tgttctctaa attctgaatc tttgggaaaa aatgtaaagc atttatgatc 2550
134   tcagaggtta acttatttaa gggggatgta catattctct gaaactagga 2600
136   tgcatgcaat tgtgttggaa gtgtccttgg tcgccttgtg tgatgtagac 2650
138   aaatgttaca aggctgcatg taaatgggtt gccttattat ggagaaaaaa 2700
140   atcactccct gagtttagta tggctgtata tttatgccta ttaatatttg 2750
142   gaatttttt tagaaagtat atttttgtat gctttgtttt gtgacttaaa 2800
144   agtgttacct ttgtagtcaa atttcagata agaatgtaca taatgttacc 2850
146   ggagctgatt tgtttggtca ttagctctta atagttgtga aaaaataaat 2900
148   ctattctaac gcaaaaccac taactgaagt tcagatataa tggatggttt 2950
150   gtgactatag tgtaaataaa tacttttcaa caat 2984
152 <210> SEQ ID NO: 2
153 <211> LENGTH: 476
154 <212> TYPE: PRT
155 <213> ORGANISM: Homo sapiens
157 <400> SEQUENCE: 2
158   Met Met Thr Ala Lys Ala Val Asp Lys Ile Pro Val Thr Leu Ser
159     1               5                  10                  15
161   Gly Phe Val His Gln Leu Ser Asp Asn Ile Tyr Pro Val Glu Asp
162                20                  25                  30
164   Leu Ala Ala Thr Ser Val Thr Ile Phe Pro Asn Ala Glu Leu Gly
165                35                  40                  45
```

RAW SEQUENCE LISTING DATE: 07/07/2006
PATENT APPLICATION: US/10/533,401 TIME: 14:30:40

Input Set : A:\pto.kd.txt
Output Set: N:\CRF4\07072006\J533401.raw

```
167  Gly Pro Phe Asp Gln Met Asn Gly Val Ala Gly Asp Gly Met Ile
168                  50                  55                  60
170  Asn Ile Asp Met Thr Gly Glu Lys Arg Ser Leu Asp Leu Pro Tyr
171                  65                  70                  75
173  Pro Ser Ser Phe Ala Pro Val Ser Ala Pro Arg Asn Gln Thr Phe
174                  80                  85                  90
176  Thr Tyr Met Gly Lys Phe Ser Ile Asp Pro Gln Tyr Pro Gly Ala
177                  95                 100                 105
179  Ser Cys Tyr Pro Glu Gly Ile Ile Asn Ile Val Ser Ala Gly Ile
180                 110                 115                 120
182  Leu Gln Gly Val Thr Ser Pro Ala Ser Thr Thr Ala Ser Ser Ser
183                 125                 130                 135
185  Val Thr Ser Ala Ser Pro Asn Pro Leu Ala Thr Gly Pro Leu Gly
186                 140                 145                 150
188  Val Cys Thr Met Ser Gln Thr Gln Pro Asp Leu Asp His Leu Tyr
189                 155                 160                 165
191  Ser Pro Pro Pro Pro Pro Pro Pro Tyr Ser Gly Cys Ala Gly Asp
192                 170                 175                 180
194  Leu Tyr Gln Asp Pro Ser Ala Phe Leu Ser Ala Ala Thr Thr Ser
195                 185                 190                 195
197  Thr Ser Ser Ser Leu Ala Tyr Pro Pro Pro Pro Ser Tyr Pro Ser
198                 200                 205                 210
200  Pro Lys Pro Ala Thr Asp Pro Gly Leu Phe Pro Met Ile Pro Asp
201                 215                 220                 225
203  Tyr Pro Gly Phe Phe Pro Ser Gln Cys Gln Arg Asp Leu His Gly
204                 230                 235                 240
206  Thr Ala Gly Pro Asp Arg Lys Pro Phe Pro Cys Pro Leu Asp Thr
207                 245                 250                 255
209  Leu Arg Val Pro Pro Pro Leu Thr Pro Leu Ser Thr Ile Arg Asn
210                 260                 265                 270
212  Phe Thr Leu Gly Gly Pro Ser Ala Gly Val Thr Gly Pro Gly Ala
213                 275                 280                 285
215  Ser Gly Gly Ser Glu Gly Pro Arg Leu Pro Gly Ser Ser Ser Ala
216                 290                 295                 300
218  Ala Ala Ala Ala Ala Ala Ala Ala Ala Tyr Asn Pro His His Leu
219                 305                 310                 315
221  Pro Leu Arg Pro Ile Leu Arg Pro Arg Lys Tyr Pro Asn Arg Pro
222                 320                 325                 330
224  Ser Lys Thr Pro Val His Glu Arg Pro Tyr Pro Cys Pro Ala Glu
225                 335                 340                 345
227  Gly Cys Asp Arg Arg Phe Ser Arg Ser Asp Glu Leu Thr Arg His
228                 350                 355                 360
230  Ile Arg Ile His Thr Gly His Lys Pro Phe Gln Cys Arg Ile Cys
231                 365                 370                 375
233  Met Arg Asn Phe Ser Arg Ser Asp His Leu Thr Thr His Ile Arg
234                 380                 385                 390
236  Thr His Thr Gly Glu Lys Pro Phe Ala Cys Asp Tyr Cys Gly Arg
237                 395                 400                 405
239  Lys Phe Ala Arg Ser Asp Glu Arg Lys Arg His Thr Lys Ile His
```

RAW SEQUENCE LISTING DATE: 07/07/2006
PATENT APPLICATION: US/10/533,401 TIME: 14:30:40

Input Set : A:\pto.kd.txt
Output Set: N:\CRF4\07072006\J533401.raw

```
240                 410                 415                 420
242  Leu Arg Gln Lys Glu Arg Lys Ser Ser Ala Pro Ser Ala Ser Val
243                 425                 430                 435
245  Pro Ala Pro Ser Thr Ala Ser Cys Ser Gly Gly Val Gln Pro Gly
246                 440                 445                 450
248  Gly Thr Leu Cys Ser Ser Asn Ser Ser Ser Leu Gly Gly Gly Pro
249                 455                 460                 465
251  Leu Ala Pro Cys Ser Ser Arg Thr Arg Thr Pro
252                 470                 475
254 <210> SEQ ID NO: 3
255 <211> LENGTH: 2853
256 <212> TYPE: DNA
257 <213> ORGANISM: Homo sapiens
259 <400> SEQUENCE: 3
260  gctctgctcc aggcatctgc cacaatgtgg gtgcttacac ctgctgcttt 50
262  tgctgggaag ctcttgagtg tgttcaggca acctctgagc tctctgtgga 100
264  ggagcctggt cccgctgttc tgctggctga gggcaacctt ctggctgcta 150
266  gctaccaaga ggagaaagca gcagctggtc ctgagagggc cagatgagac 200
268  caaagaggag gaagaggacc ctcctctgcc caccacccca accagcgtca 250
270  actatcactt cactcgccag tgcaactaca aatgcggctt ctgtttccac 300
272  acagccaaaa catcctttgt gctgcccctt gaggaagcaa agagaggatt 350
274  gcttttgctt aaggaagctg gtatggagaa gatcaacttt tcaggtggag 400
276  agccatttct tcaagaccgg ggagaatacc tgggcaagtt ggtgaggttc 450
278  tgcaaagtag agttgcggct gcccagcgtg agcatcgtga gcaatggaag 500
280  cctgatccgg gagaggtggt tccagaatta tggtgagtat ttggacattc 550
282  tcgctatctc ctgtgacagc tttgacgagg aagtcaatgt ccttattggc 600
284  cgtggccaag gaaagaagaa ccatgtggaa aaccttcaaa agctgaggag 650
286  gtggtgtagg gattatagag tcgctttcaa gataaattct gtcattaatc 700
288  gtttcaacgt ggaagaggac atgacggaac agatcaaagc actaaaccct 750
290  gtccgctgga aagtgttcca gtgcctctta attgagggtg agaattgtgg 800
292  agaagatgct ctaagagaag cagaaagatt tgttattggt gatgaagaat 850
294  ttgaaagatt cttggagcgc cacaaagaag tgtcctgctt ggtgcctgaa 900
296  tctaaccaga agatgaaaga ctcctacctt attctggatg aatatatgcg 950
298  ctttctgaac tgtagaaagg gacggaagga cccttccaag tccatcctgg 1000
300  atgttggtgt agaagaagct ataaaattca gtggatttga tgaaaagatg 1050
302  tttctgaagc gaggaggaaa atacatatgg agtaaggctg atctgaagct 1100
304  ggattggtag agcggaaagt ggaacgagac ttcaacacac cagtgggaaa 1150
306  actcctagag taactgccat tgtctgcaat actatcccgt tggtatttcc 1200
308  cagtggctga aaacctgatt ttctgctgca cgtggcatct gattacctgt 1250
310  ggtcactgaa cacacgaata acttggatag caaatcctga gacaatggaa 1300
312  aaccattaac tttacttcat tggcttataa ccttgttgtt attgaaacag 1350
314  cacttctgtt tttgagtttg ttttagctaa aaagaaggaa tacacacagg 1400
316  aataatgacc ccaaaaatgc ttagataagg cccctataca caggacctga 1450
318  catttagctc aatgatgcgt ttgtaagaaa taagctctag tgatatctgt 1500
320  gggggcaaaa tttaatttgg atttgatttt ttaaaacaat gtttactgcg 1550
322  atttctatat ttccattttg aaactatttc ttgttccagg tttgttcatt 1600
324  tgacagagtc agtatttttt gccaaatatc cagataacca gttttcacat 1650
326  ctgagacatt acaaagtatc tgcctcaatt atttctgctg gttataatgc 1700
328  ttttttttt ttgcctttat gccattgcag tcttgtactt tttactgtga 1750
```

RAW SEQUENCE LISTING DATE: 07/07/2006
PATENT APPLICATION: US/10/533,401 TIME: 14:30:40

Input Set : A:\pto.kd.txt
Output Set: N:\CRF4\07072006\J533401.raw

```
330  tgtacagaaa tagtcaacag atgtttccaa gaacatatga tatgataatc 1800
332  ctaccaattt tcaagaagtc tctagaaaga gataacacat ggaaagacgg 1850
334  cgtggtgcag cccagcccac ggtgcctgtt ccatgaatgc tggctaccta 1900
336  tgtgtgtggt acctgttgtg tccctttctc ttcaaagatc cctgagcaaa 1950
338  acaaagatac gctttccatt tgatgatgga gttgacatgg aggcagtgct 2000
340  tgcattgctt tgttcgccta tcatctggcc acatgaggct gtcaagcaaa 2050
342  agaataggag tgtagttgag tagctggttg gccctacatt tctgagaagt 2100
344  gacgttacac tgggttggca taagatatcc taaaatcacg ctggaacctt 2150
346  gggcaaggaa gaatgtgagc aagagtagag agagtgcctg gatttcatgt 2200
348  cagtgaagcc atgtcaccat atcatatttt tgaatgaact ctgagtcagt 2250
350  tgaaataggg taccatctag gtcagtttaa gaagagtcag ctcagagaaa 2300
352  gcaagcataa gggaaaatgt cacgtaaact agatcaggga acaaaatcct 2350
354  ctccttgtgg aaatatccca tgcagtttgt tgatacaact tagtatctta 2400
356  ttgcctaaaa aaaaatttct tatcattgtt tcaaaaaagc aaaatcatgg 2450
358  aaaatttttg ttgtccaggc aaataaaagg tcattttaat ttaaaaaaaa 2500
360  aaaaaaaaaa aaaaaaaaaa aaaaggccaa ggaaaaaaaa tattcctact 2550
362  taaattttaa gtctataatt caatttaaat atgtgtgtgt ctcatccagg 2600
364  ataggatagg ttgtcttcta ttttccattt tacctattta ctttttttgt 2650
366  aagaaaagag aagaatgaat tctaaagatg ttccccatgg gttttgattg 2700
368  tgtctaagct atgatgacct tcatataatc agcataaaca taaaacaaat 2750
370  tttttactta acatgagtgc actttactaa tcctcatggc acagtggctc 2800
372  acgcctgtaa tcccagcact tggggaggac aatgtggggt ggatcacgag 2850
374  gtc 2853
376 <210> SEQ ID NO: 4
377 <211> LENGTH: 361
378 <212> TYPE: PRT
379 <213> ORGANISM: Homo sapiens
381 <400> SEQUENCE: 4
382  Met Trp Val Leu Thr Pro Ala Ala Phe Ala Gly Lys Leu Leu Ser
383    1               5                  10                  15
385  Val Phe Arg Gln Pro Leu Ser Ser Leu Trp Arg Ser Leu Val Pro
386                20                  25                  30
388  Leu Phe Cys Trp Leu Arg Ala Thr Phe Trp Leu Leu Ala Thr Lys
389                35                  40                  45
391  Arg Arg Lys Gln Gln Leu Val Leu Arg Gly Pro Asp Glu Thr Lys
392                50                  55                  60
394  Glu Glu Glu Glu Asp Pro Pro Leu Pro Thr Thr Pro Thr Ser Val
395                65                  70                  75
397  Asn Tyr His Phe Thr Arg Gln Cys Asn Tyr Lys Cys Gly Phe Cys
398                80                  85                  90
400  Phe His Thr Ala Lys Thr Ser Phe Val Leu Pro Leu Glu Glu Ala
401                95                 100                 105
403  Lys Arg Gly Leu Leu Leu Leu Lys Glu Ala Gly Met Glu Lys Ile
404               110                 115                 120
406  Asn Phe Ser Gly Gly Glu Pro Phe Leu Gln Asp Arg Gly Glu Tyr
407               125                 130                 135
409  Leu Gly Lys Leu Val Arg Phe Cys Lys Val Glu Leu Arg Leu Pro
410               140                 145                 150
412  Ser Val Ser Ile Val Ser Asn Gly Ser Leu Ile Arg Glu Arg Trp
```

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 07/07/2006
PATENT APPLICATION: US/10/533,401 TIME: 14:30:41

Input Set : A:\pto.kd.txt
Output Set: N:\CRF4\07072006\J533401.raw

Please Note:
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:7; N Pos. 127,139,200,202,203,208,209,211,213,216,217,218,219,220,221
Seq#:7; N Pos. 222,223,224,225,226,227,228,229,230,231,232,233,234,235,236
Seq#:7; N Pos. 237,238,239,240,241,242,243,244,245,246,247,248,249,250,251
Seq#:7; N Pos. 252,253,254,255,256,257,258,259,260,261,262,263,264,265,266
Seq#:7; N Pos. 267,268,269,270,271,272,273,274,275,276,277,278,279,280,281
Seq#:7; N Pos. 282,283,284,285,286,793,794,795,796,797,798,799,800,801,802
Seq#:7; N Pos. 803,804,805,806,807,808,809,810,811,812,813,814,815,816,817
Seq#:7; N Pos. 818,819,820,821,822,823,824,825,826,827,828,829,830,831,832
Seq#:7; N Pos. 833
Seq#:8; N Pos. 2086,2087,2088,2089,2090,2091,2092,2093,2094,2095,2096,2097
Seq#:8; N Pos. 2098,2099,2100,2101,2102,2103,2104,2105,2106
Seq#:9; Xaa Pos. 52,53,54,55,56,57,58
Seq#:39; N Pos. 80,81,82,83,84,85,86,87,88,89,90,91,92,93,94,95,96,97,98,99
Seq#:39; N Pos. 100,101,102,103,104,105,106,107,108,109,110,111,112,113,114
Seq#:39; N Pos. 115,116,117,118,119
Seq#:40; Xaa Pos. 27,28,29,30,31,32,33,34,35,36,37,38,39,40
Seq#:78; Xaa Pos. 103,104
Seq#:98; N Pos. 1104
Seq#:100; N Pos. 2173,2174,2175,2176,2177,2178,2179,2180,2181,2182,2183
Seq#:100; N Pos. 2184,2185,2186,2187,2188,2189,2190,2191,2192,2193,2194
Seq#:100; N Pos. 2195,2196,2197,2198,2199,2200,2201,2202,2203,2204
Seq#:127; N Pos. 1169,1170,1171,1172,1173,1174,1175,1176,1177,1178,1179
Seq#:127; N Pos. 1180,1181,1182,1183,1184,1185,1186,1187,1188,1189,1190
Seq#:127; N Pos. 1191,1192,1193,1194,1195,1196,1197,1198,1199,1200,1201
Seq#:127; N Pos. 1202,1203,1204,1205,1206,1207,1208,1209,1210,1211,1212
Seq#:127; N Pos. 1213,1214,1215,1216,1217,1218,1219,1220,1221,1222,1223
Seq#:127; N Pos. 1224,1225,1226,1227,1228,1229,1230,1231,1232,1233,1234
Seq#:127; N Pos. 1235,1236,1237,1238,1239,1240,1241,1242,1243,1244,1245
Seq#:127; N Pos. 1246,1247,1248,1249,1250,1251,1252,1253,1254,1255,1256
Seq#:127; N Pos. 1257,1258,1259,1260,1261,1262,1263,1264,1265,1266,1267
Seq#:127; N Pos. 1268,1269,1270,1271,1272,1273,1274,1275,1276,1277,1278
Seq#:127; N Pos. 1279,1280,1281,1282,1283,1284,1285,1286,1287,1288,1289
Seq#:127; N Pos. 1290,1291,1292,1293,1294,1295,1296,1297,1298,1299,1300
Seq#:127; N Pos. 1301,1302,1303,1304,1305,1306,1307,1308,1309,1310
Seq#:131; N Pos. 391,392,393,394,395,396,397,398,399,400,401,402,403,404
Seq#:131; N Pos. 405,406,407,781,782,783,784,785,786,787,788,789,790,791
Seq#:131; N Pos. 792,793,794,795,796,797,798,799,800,801,802,803,804
Seq#:158; N Pos. 415,486,585,1119
Seq#:170; Xaa Pos. 33
Seq#:204; N Pos. 263,1605,1708,1709,1710,1711,1712,1713,1714,1715,1716,1717
Seq#:204; N Pos. 1718,1719,1720,1721,1722,1723,1724,1725,1726,1727,1728
Seq#:204; N Pos. 1729,1730,1731,1732,1733,1734,1735,1736,1737,1738,1739
Seq#:204; N Pos. 1740,1741,1742,1743,1744,1745,1746,1747,1748,1749,1750
Seq#:204; N Pos. 1831,1851,1862,1883,1886,1889,3181

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 07/07/2006
PATENT APPLICATION: US/10/533,401 TIME: 14:30:41

Input Set : A:\pto.kd.txt
Output Set: N:\CRF4\07072006\J533401.raw

Seq#:205; Xaa Pos. 84

VERIFICATION SUMMARY DATE: 07/07/2006
PATENT APPLICATION: US/10/533,401 TIME: 14:30:41

Input Set : A:\pto.kd.txt
Output Set: N:\CRF4\07072006\J533401.raw

L:801 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:100
M:341 Repeated in SeqNo=7
L:1002 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:2050
M:341 Repeated in SeqNo=8
L:1051 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:45
L:3602 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39 after pos.:50
M:341 Repeated in SeqNo=39
L:3643 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40 after pos.:15
M:341 Repeated in SeqNo=40
L:6404 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:78 after pos.:90
L:9015 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:98 after pos.:1100
L:9175 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:100 after pos.:2150
M:341 Repeated in SeqNo=100
L:11593 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:127 after pos.:1150
M:341 Repeated in SeqNo=127
L:11895 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:131 after pos.:350
M:341 Repeated in SeqNo=131
L:14258 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:158 after pos.:400
M:341 Repeated in SeqNo=158
L:15433 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:170 after pos.:30
L:17038 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:204 after pos.:250
M:341 Repeated in SeqNo=204
L:17193 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:205 after pos.:75